

Dimplex Convector Heaters

Models : 3082S, 3087S, 3087ST, 3088T and 3088TA.



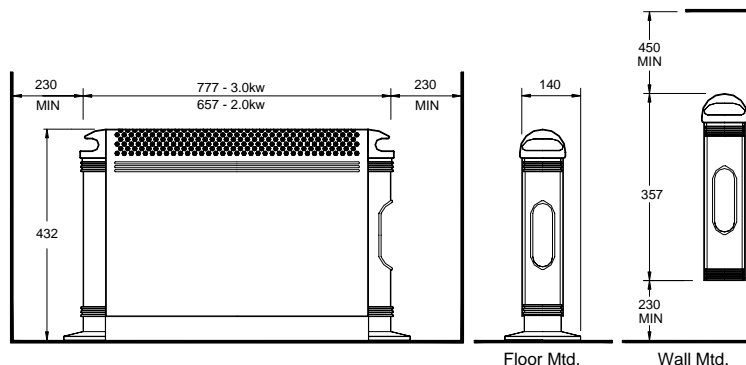
INDCUK308R

Issue 6

Dimensions

(millimetres)

Models	Specification
3082S	2.0kw Heat Switch / Thermostat / Neon / 24hr Timer
3087S	3.0kw Heat Switch / Thermostat / Neon / 24hr Timer
3087ST	3.0kw On/Off Switch / Thermostat / Neon / 24hr Timer / Turbo
3088T	3.0kw Heat Switch / Thermostat / Neon / Turbo
3088TA	3.0kw Heat Switch / Thermostat / Neon / Turbo / Ioniser



THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE.

IMPORTANT SAFETY ADVICE

WARNING – THIS APPLIANCE MUST NOT BE USED IN A BATHROOM.

WARNING - DO NOT USE THIS HEATER IN THE IMMEDIATE SURROUNDINGS OF A BATH, A SHOWER OR A SWIMMING POOL.

WARNING – THIS HEATER MUST NOT BE LOCATED IMMEDIATELY BELOW A FIXED SOCKET OUTLET.

DO NOT USE THE HEATER UNTIL THE FEET OR WALL BRACKETS ARE FITTED CORRECTLY.

FOLLOW these instructions carefully.

NEVER cover or obstruct in any way the heat outlet slots at the top of the heater or the air inlet slots in the base of the heater.

The heater carries a warning 'DO NOT COVER' to alert the user to the risk of fire that exists if the heater is accidentally covered.

Timer models 3082S, 3087S and 3087ST can be set to switch on automatically. Remember to observe all safety warnings at all times.

If young children, the aged or infirm are likely to be left in the vicinity of the heater, we advise that adequate precautions should be taken. We recommend that a guard be fitted to ensure contact with the heater is avoided and objects cannot be inserted into the product.

If the mains lead is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

For further information, please contact our guard supplier direct on Tel. No. 01603 667957, or in case of difficulty or for further advice contact the Customer Helpline.

Wall Mounting

Three identical wall mounting brackets are secured to the base of the heater with a fixing screw. To wall mount appliance, first remove the brackets as follows :

Lay the heater on its back.

Following the sequence in Fig. 1 – identify and remove the fixing screw securing the brackets located beside Mains Cable as shown in (a), then pull out brackets and rotate them to disengage them from the slot (b). Withdraw the brackets from the slot (c).

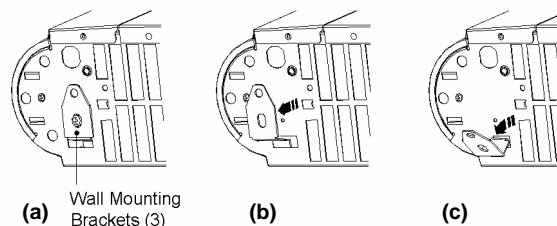


Fig. 1

Select a suitable position on a wall, near to a mains power socket, making sure that there is *at least* 230 mm below the heater and *at least* 450 mm above the heater of unobstructed space. See also 'Positioning the heater'.

Fix the two top retaining brackets to the wall, using suitable fixings, for 2kw models at 358 mm centres and 3kw models at 478 mm centres – see Fig 2.

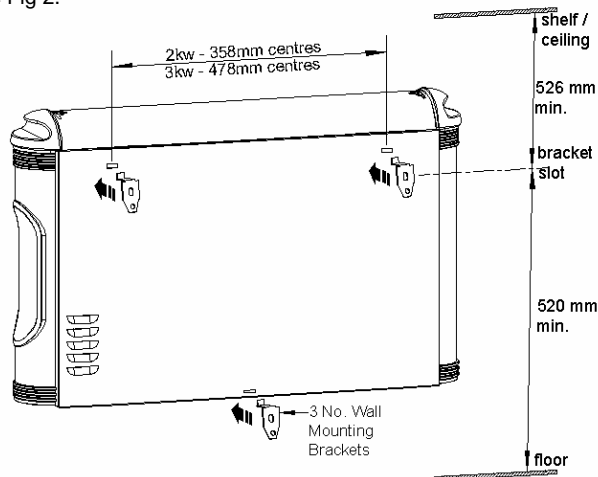


Fig. 2

Electrical connection

WARNING – THIS APPLIANCE MUST BE EARTHED

This heater must be used on an ~ supply only and the voltage marked on the heater must correspond to the supply voltage. This heater is fitted with a rewirable plug incorporating a 13 amp fuse. In the event of replacing the fuse in the plug supplied, a 13 amp fuse approved by ASTA to BS 1362 must be used. If any other type of plug is used, a 15 amp fuse must be fitted in the plug, the adaptor, or at the distribution board.

IMPORTANT : If the plug is not suitable for your socket, the 13 amp plug should be removed. Before wiring the appropriate plug, please note that the wires in this mains lead are coloured in accordance with the following code :

GREEN AND YELLOW : EARTH
BLUE : NEUTRAL
BROWN : LIVE

Connect the **GREEN AND YELLOW** wire to the terminal marked 'E' or by the earth symbol or coloured **GREEN** or **GREEN AND YELLOW**.

Connect the **BROWN** wire to the terminal marked 'L' or coloured **RED**.

Connect the **BLUE** wire to the terminal marked 'N' or coloured **BLACK**.

Locate the heater on the top brackets and allow it to hang in place.

Fit the bottom bracket into the slot in the heater and then fix it to the wall.

Test that the heater is now securely fixed to the wall.

Positioning the heater

Always ensure that the heater is stood on a firm, level base near to, but not directly beneath, a suitable mains supply socket. Ensure that curtains and furniture are not positioned close to the chosen position, as this would create a potential fire hazard. We recommend that the heater should be wall-mounted in rooms where children may be left unattended. See also 'Important Safety Advice'.

Free standing use

NEVER USE THE HEATER FREE STANDING WITHOUT THE FEET FITTED.

Lay the heater on its back, and locate the foot fixing screw (see a. in Fig. 3). Remove the screw using an X-head screwdriver, then align foot over slots and holes in base (see 'b' in Fig. 3) and push into slots until the foot clips into place. Finally take the foot fixing screw, insert and tighten using a screwdriver to secure the foot.

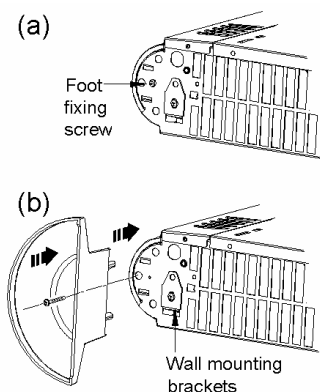


Fig. 3

NOTE – The wall mounting brackets indicated in Fig. 3 can be left secured to the base if they are not required.

Using the heater

Plug in and switch on at the wall socket.

On models **3082S** & **3087S** the timer clock will operate all the time that the heater is connected to the mains supply, regardless of the setting of the heat selector switch. Set the timer control switch as required for OFF, Manual or Automatic operation – see 'Timer Operation'.

The heat output is controlled by the thermostat - see 'Thermostat'

Please note – the element has been coated with a protective film which will burn off during the first few minutes of use and may cause a small amount of fuming. This is quite normal – the fumes are non-toxic and will quickly disappear. We recommend that you open a window to ventilate the room when using the heater for the first time.

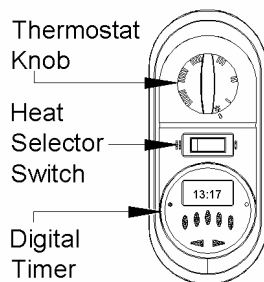


Fig. 4
(Model 3082S, 3087S control shown)

Controls

Thermostat

The thermostat controls the heat output according to the room temperature. This ensures that the heater will not produce heat unnecessarily when the room is warm. To set the temperature you require, turn the thermostat knob clockwise until the desired temperature is reached. Alternatively to heat a cold room quickly, turn the thermostat knob up fully. When the room has reached the desired temperature, turn the thermostat knob anti-clockwise until the thermostat just clicks off. The heater will now automatically operate at this temperature.

The thermostat also has a frost protection setting marked '*'. This setting is useful in areas such as garages to prevent frost damage. If the thermostat is set to its minimum setting '*', the heater will cycle ON and

OFF to maintain a temperature of approximately 5°C to help protect against frosty conditions.

Heat Selector Switch

Heat selection is available on all models as an economy feature.

On models 3082S and 3087S - the switch is a 2 position switch with two possible heat settings as follows :

- I - The heater operates at half heat output.
- II - The heater operates at full heat output.

On models 3088T and 3088TA - the switch is a 4 position switch with an Off position marked 'O' and 3 possible heat settings as follows ;:

- I - The heater operates with 1kW output
- II - The heater operates with 2kW output
- III - The heater operates with full 3kW output

ON/OFF Switch

On model 3087ST – the switch operates as follows :

- O - The heater is off
- I - The heater operates with 2kW output

Note : The above description of the On/Off switch operation is with the turbo neon switch in the off position – see also 'Model 3087ST' in the 'Turbo Fan Models ..' section.

Digital Timer Operation

IMPORTANT Remember to observe all safety warnings when operating the heater on auto setting unattended or attended .

The timer allows you to select 'MANUAL ON' , 'AUTO' or 'MANUAL OFF' operation mode by pressing the 'MODE' (Input/Output) button until the required mode appears at the bottom of the timer display.

'MANUAL ON' mode allows power to the heater uninterrupted by the timer settings. The heat selector switch will control the output (see 'Using the heater').

'AUTO' mode allows the convector to switch ON and OFF according to the timer settings (see 'Setting Programs' section below).

'MANUAL OFF' mode switches off all heater operation completely.

12/24 Hour Mode Either 12 or 24 hour modes can be used.

Press the **S** (Set) and **PROG** (Program) buttons simultaneously to switch between 12 and 24 Hour mode.

Initial Operation

For initial use, plug the heater into a regular household power point and turn the power on.

The 'Power On' neon will only light, when the heater is connected to the power supply and the timer is in either 'MANUAL ON' or 'AUTO' On mode.

Clear all current information by pressing the **R** button with a pointed object such as a pencil. Note: Do not use a needle or pin.

The timer is now ready to be set up for use.

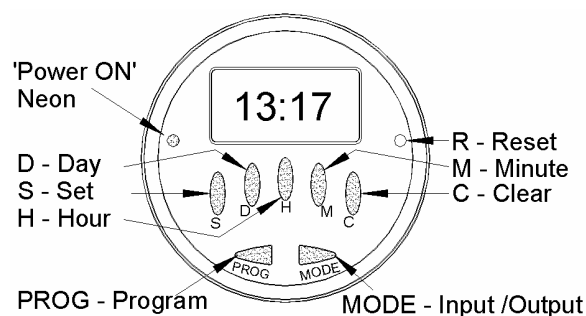


Fig. 5

Setting Current Time

1. Press the **S** (Set) button and keep pressed while pressing the **D** (Day) button until the actual day is displayed. Continue by pressing **H** (Hour) or **M** (Minute) button until the current hour or minute is displayed. When resetting, the buttons **D**, **H** or **M** can be held down for rapid forward counting.
2. Release both buttons. The day and time will now be set.
3. To reset incorrect time, repeat previous steps.

Summertime Function

Summertime function is very useful for areas with summertime system , the timer can quickly & easily be changed to operate in SUMMER time mode i.e. one hour ahead , and back again as follows ;

1. Press the **S** (Set) and **MODE** (Input/Output) buttons simultaneously. The LCD will show 'SUMMER'. The clock will switch ahead one hour.
2. Press the buttons together again and the clock will switch back again one hour to standard time & 'SUMMER' will no longer be displayed .

Setting Programs

Once the correct time is set , a total of 8 ON/OFF time programs can be set for AUTO operation. These can be set to operate on any of 16 different combinations of individual days or groups of days depending on your individual choice. To program the timer follow the setting instructions;

1. To select the first of your 8 ON/OFF programs simply press the **PROG** (Program) button once , the program is then input as follows ;
2. You first select one of the 16 different combinations of individual days or groups of days you wish to set this program for. Continue to press and release the **D** (Day) button to go through the choices until the day or blocks of days you require appears along the top of the timer display then stop pressing , the 16 different combinations that can be chosen are as follow ;

- | | |
|--------------------------------------|-----------------------------------|
| 1) <i>Mo</i> | 9) <i>Mo, Tu, We, Th, Fr</i> |
| 2) <i>Tu</i> | 10) <i>Sa, Su</i> |
| 3) <i>We</i> | 11) <i>Mo, Tu, We, Th, Fr, Sa</i> |
| 4) <i>Th</i> | 12) <i>Mo, We, Fri</i> |
| 5) <i>Fr</i> | 13) <i>Tu, Th, Sa</i> |
| 6) <i>Sa</i> | 14) <i>Mo, Tu, We</i> |
| 7) <i>Su</i> | 15) <i>Th, Fri, Sa</i> |
| 8) <i>Mo, Tu, We, Th, Fr, Sa, Su</i> | 16) <i>Mo, We, Fr, Su</i> |

3. Now set the time by pressing the **H** (Hour) button and then **M** (Minute) button until the desired time setting is displayed.
4. Press the **PROG** (Program) button again to finish the first ON setting and enter into the first OFF setting. By repeating steps '2' & '3' above you can now complete the input of the first OFF setting.
5. Press the **PROG** (Program) button again to finish the first ON/OFF program and enter into the 2nd ON setting. Repeat steps '2' , '3' and '4' to complete this program , then press P again and repeat cycle as necessary.
6. Once you have completed the number of ON/OFF programs you require (up to a maximum of 8) , press the **S** (Set) button to save the settings and the timer is now ready to operate in Auto mode .

EXAMPLE : To set Timer ON at 18:15 and Timer OFF at 22:15 everyday

- a) Press **PROG** and LCD displays '1_ON'
- b) Press **D** until LCD displays 'MO, TU, WE, TH, FR, SA, SU'
- c) Press **H** until LCD displays '6:00PM' or '18:00'
- d) Press **M** until LCD displays '6:15PM' or '18:15'
- e) Press **PROG** and LCD displays '1_OFF'
- f) Repeat c) and d) until LCD displays '10:15PM or 22:15'
- g) Press **S** and the program is saved and the current time display returns.

TIP : When verifying your programs ensure that the settings do not overlap, especially when using the block option.

TIP : To clear a section in a Program, press the **C** (Clear) button. To reactivate this section press the **C** button again.

Notes on switching between Manual ON/Auto/Manual OFF

1. Pressing **MODE** (Input/Output) button allows you to change between **Manual ON / Auto / Manual OFF** modes , current mode will be displayed on the bottom of the LCD display.
2. In **Manual ON** or **Manual OFF** mode, the Timer operates but the programme settings are inactive.
3. When the mode is turned from **Manual ON** to **Auto**, the Timer mode will remain ON until the next programmed timer off setting is reached.
4. When the mode is turned from **Manual OFF** to **Auto** the timer mode will remain OFF until the next programmed timer ON setting is reached.

Note - Timer Memory Back Up Batteries

Once the heater has been left plugged in with the socket switched on for at least 12 hours the timers memory back up batteries will be fully charged.

Once the timer batteries are fully charged , if there is either a power cut or if the heater is disconnected from the mains for less than 100 hours , then the timer will continue to keep time & the settings in the memory will remain intact .

If however the timer back up batteries have not been charged fully , or if the heater is deprived of power for longer than 100 hours , then the time and the programme settings are likely to be lost and you may therefore need to reset the time and the programme before using in 'Auto' mode again.

Turbo Fan models (3087ST, 3088T & 3088TA)

The turbo fan can be used to circulate the heat around the room to help it reach the desired temperature more quickly.

On all turbo models with the heat selector switch at max. setting (3kw operation) the fan automatically switches on to override the operation of the Turbo On/Off neon switch. This permanent operation of the fan at maximum heat setting ensures more efficient operation and heat circulation around the room

Model 3088T & 3088TA

On these models you can choose to use the fan to help circulate the heat at lower heat settings by switching the Turbo switch on with the heat selection switch at setting I or II .

In warm weather you can also use the fan on these models to circulate cool air as follows: Set the heat selector switch to it's off position - 'O' , set the Turbo switch to it's on position and set the thermostat to it's maximum setting by turning the thermostat knob fully clockwise.

Model 3087ST

On this model with the I / II switch at position I and the turbo switch in it's Off position (neon off) there is no heat output from the convector. With the I / II switch still in the I position you can have 1kw output but only with the turbo boost on, also by switching the turbo switch to it's On position (neon on). To get an output of 2kW leave the turbo switch off and set the I / II switch to position II. (Note 2kw is only possible with turbo off). To achieve 3kw output now turn on the turbo switch which will combine the 2kW setting with a 1kW fan boost setting to give the total output of 3kw with fan boost.

Note there is no cold blow operation on this model and that all heat settings operate under the control of the thermostat.

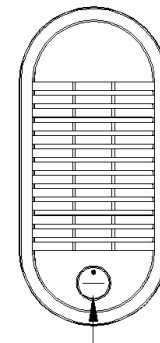
Note that on all models the fan and the neon on the Turbo switch will cycle on and off under the control of the thermostat – see 'Thermostat'.

Ioniser Model 3088TA

The ioniser operates all the time that the heater is connected to the mains supply.

Principles of ionisation :

- Restores the natural balance of the air.
The physiological and psychological effects of negative ions are well known, including increased alertness, easier breathing and better sleep.
- In addition to the direct benefits, the stream of negative ions will charge dust, pollen, bacteria and smoke particles. These charged particles are then attracted to the surfaces in the room and deposited as fine dust, leaving the air cleaner, fresher and healthier.
- The output from the ioniser will be combined with the output of the heater, with or without fan boost. The fan increases the volume of air affected by the ioniser, enhancing its range and increasing the amount of pollutants from the air.
- In warm weather, the ionised air can be circulated by using the turbo fan only – see 'Turbo fan models'.



Turbo - ON/OFF
Neon Switch

Fig. 6
Turbo Models

Safety – overheat protection

For your safety, this appliance is fitted with a thermal cut-out. In the event that the product overheats, the cut-out switches the heater off automatically.

To bring the heater back into operation, remove the cause of the overheating, then unplug or turn off the electrical supply to the heater for a few minutes.

When the heater has cooled sufficiently, re-connect and switch on the heater.

Important Notes

Although this heater is manufactured to comply with the relevant safety standards, certain types of carpets could become discoloured by the temperatures under a portable heater. If you are concerned about this, we recommend that you contact the carpet manufacturer for guidance. Alternatively, either stand the heater on a suitable base to shield the carpet or wall-mount it – call our Helpline for further advice.

You may notice some parts of the element appearing to be hotter from time to time because of the variable airflow through the heater. This does not cause a safety hazard.

The heat outlet grille may become discoloured with use – this is caused by airborne pollution and is not a fault.

Cleaning and User Maintenance

WARNING – ALWAYS DISCONNECT FROM THE POWER SUPPLY BEFORE CLEANING THE HEATER.

Do not use detergents, abrasive cleaning powder or polish of any kind on the body of the heater.


Allow the heater to cool, then wipe with a dry cloth to remove dust and a damp cloth (not wet) to clean off stains. Be careful not to allow moisture into the heater.

After Sales Service

Your appliance is guaranteed for three years from the date of purchase. We undertake to repair or exchange free of charge within this period, any part found to be defective due to a manufacturing fault.

Your rights under this guarantee are additional to your statutory rights, which in turn are not affected by this guarantee.

Please retain your receipt as proof of purchase.

 The product complies with the European Safety Standards EN60335-2-30 and the European Standard Electromagnetic Compatibility (EMC) EN55014, EN60555-2 and EN60555-3 which cover the essential requirements of EEC Directives 73/23 and 89/336

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